

Course Objectives/Course Outline
Spokane Community College

Course Title: CNC Theory

Prefix and Course Number: MACH 247

Course Learning Outcomes:

By the end of this course, a student should be able to:

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Course Outline:

- I. MACHINING SKILLS II, III
THE NATIONAL TOOLING AND MACHINING ASSOCIATION (1995)

<u>Competency</u>	<u>Title</u>	<u>Book</u>	<u>Page</u>
<i>Job Execution</i>			
2.21	CNC: Write Simple RS274-D Programs	II	51
2.22	CNC: Operate a CNC Mill	II	53
2.23	CNC: Operate a CNC Lathe	II	55
<i>Metal Working Theory</i>			
5.2	CNC Machine Tools	II	88
5.3	CNC Tooling	II	89
5.4	Determine Correct Coolants and/or Cutting Fluids for Various Applications	II	90
<i>Applied Materials</i>			
6.1	Apply the Properties of Various Metals in Cutting Problems	II	91
6.2	Apply the Properties of Various Non-metals to Cutting Problems	II	92